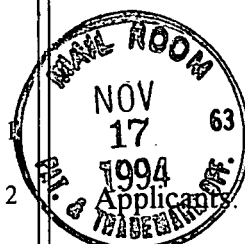


3305



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: A.G. Filler et al.

Attorney Docket No. WRUW16938

Serial No: 08/028,795

Group Art Unit: 3305

Filed: March 8, 1993

Examiner: B. Casler

Title: IMAGE NEUROGRAPHY AND DIFFUSION ANISOTROPY IMAGING

AMENDMENT AND REQUEST FOR RECONSIDERATION

Seattle, Washington 98101

November 14, 1994

11/12/94
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11/29

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS:

Please amend the above-identified application as follows and reconsider the claim rejections in the July 11, 1994 Office Action.

AMENDMENT

In the Claims:

Please amend Claims 89, 93, 95, 111, 120, 135, 139, 150, 152, 153, 155, 156, 158 and 159 as follows:

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GROUP 3305

89. (Amended) A method of utilizing magnetic resonance to determine the shape and position of mammal tissue, said method including the steps of:

(a) exposing an *in vivo* region of a subject to a magnetic polarizing field, the *in vivo* region including non-neural tissue and a nerve, the nerve being a member of the group consisting of peripheral nerves, cranial nerves numbers three through twelve, and autonomic nerves;

(b) exposing the *in vivo* region to an electromagnetic excitation field;

(c) [producing an output indicative of the *in vivo* region's] sensing a resonant response of the *in vivo* region to the polarizing and excitation fields and producing an output indicative of the resonant response;

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